

## EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L1	1	("3295686").PN.	US-PGPUB; USPAT	OR	OFF	2007/05/24 18:27
L2	30	("3295686").URPN.	USPAT	OR	ON	2007/05/24 18:20
L3	29	("2904857"   "2923669"   "3295686"   "3448011"   "3684660"   "4111807"   "4148732"   "4170056"   "4251366"   "4357240"   "4614585"   "4678576"   "4689147"   "4826594"   "4829005"   "5112488"   "5141639"   "5200067"   "5202262"   "5234585"   "5308483").PN. OR ("6358730"). URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2007/05/24 18:21
L4	40	(annular same groove) and bailer	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/05/24 18:53
L5	609	(annular same groove) and (fluid same sampling)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/05/24 18:32
L6	55	5 and (air same tight)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/05/24 18:32
L7	131	5 and ("73"/\$.ccls.)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/05/24 18:33
L8	1888	(annular same groove) and (container same (taper tapered))	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/05/24 18:54
L9	881	(annular same groove) same (seal sealing) and (container same (taper tapered))	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/05/24 18:55
L10	657	(annular same groove) same (seal sealing) and (container same (taper tapered)) and (air fluid)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/05/24 19:04

## EAST Search History

L11	3	(294/68.25).CCLS.	US-PGPUB	OR	OFF	2007/05/24 19:04
L12	15	(73/864.63).CCLS.	US-PGPUB	OR	OFF	2007/05/24 19:04
L13	79	((DAVID) near2 (PRATT)).INV.	US-PGPUB; USPAT	OR	ON	2007/05/24 19:05

## EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
S1	127	david near2 pratt	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/07/10 07:35
S2	25	S1 and bailer	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/05/24 18:20
S3	185	(294/68.25).CCLS.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/02/13 18:13
S4	47	("0485092"   "0742451"   "0760570"   "0849240"   "0922986"   "1055385"   "1210487"   "1545758"   "1574809"   "2025296"   "2223936"   "2333711"   "2454740"   "2593830"   "2678563"   "2951538"   "3455904"   "3796238"   "3815422"   "3995658"   "4050315"   "4082483"   "4086035"   "4271704"   "4368909"   "4583916"   "4590810"   "5454275"   "5597966"   "5878813").PN. OR ("6457760"). URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/02/13 18:14
S5	24	("0782636"   "1511591"   "4082483"   "4254830"   "4438654"   "4590810"   "4625574"   "5404949"   "5507194"   "5537881"   "5597966").PN. OR ("5878813"). URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/02/13 18:14
S6	10	("2214350"   "2217147"   "2220989"   "4491178"   "4823623"   "5878813"   "6276220").PN. OR ("6695053").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/02/13 18:16
S7	23	("2059999"   "2255369"   "3186232"   "3886800"   "4000654"   "4452091"   "4517851"   "4625574"   "4644807"   "4651574"   "4704141").PN. OR ("4823623"). URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/02/13 18:17
S8	13	("1128669"   "3618393").PN. OR ("3886800").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/02/13 18:19

## EAST Search History

S9	11	("3026730"   "3886800"   "4300404"   "4438634").PN. OR ("4660423").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/02/13 18:19
S10	4	("3026730").URPN.	USPAT	OR	ON	2006/02/13 18:22
S11	13	("2454740"   "2856005"   "2951538"   "4590810"   "5454275"   "5597966"   "5878813").PN. OR ("6167962").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/02/13 18:24
S12	31	("1585072"   "2333711"   "3455904"   "3489012"   "3815422"   "3841162"   "4037477"   "4050315"   "4091676"   "4157664"   "4271704").PN. OR ("4590810").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/02/13 18:25
S13	13	("2059629"   "4590810"   "4625574"   "4781213"   "4883505"   "5341692"   "5442970").PN. OR ("5537881").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/02/13 18:26
S14	15	("4430213"   "4590810"   "4807707"   "4928541"   "4949582").PN. OR ("5139654").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/02/13 18:28
S15	22	("1591511"   "3055764"   "3277723"   "3377868"   "3892130"   "4004463").PN. OR ("4271704").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/02/13 18:29
S16	23	("0666245"   "0784534"   "1890223"   "2102289"   "2870784"   "3272219"   "3664371"   "3688794").PN. OR ("3995658").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/02/13 18:34
S17	0	("519431").URPN.	USPAT	OR	ON	2006/02/13 18:45
S18	269	(73/864.63).CCLS.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/02/13 18:45
S19	31	("1585072"   "2333711"   "3455904"   "3489012"   "3815422"   "3841162"   "4037477"   "4050315"   "4091676"   "4157664"   "4271704").PN. OR ("4590810").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/02/13 18:52
S20	120071	check near3 valve	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/02/13 19:08

## EAST Search History

S21	63	S20 and downspout	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/02/13 19:01
S22	11	("1210487"   "2223936"   "2298627"   "4050315"   "4561315"   "5996800"   "6276220"   "6543302").PN. OR ("6669255"). URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/02/13 19:01
S23	22	("1388602"   "2298627"   "3055764"   "3455904"   "3697194"   "3700034"   "4050315"   "4185579"   "4305279"   "4512441"   "4869371"   "5139089"   "5507194"   "5753831"   "5755559"   "6276220"   "6390123").PN. OR ("6543302").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/02/13 19:02
S24	16	("0743787"   "0857703"   "1204635"   "2486729"   "2938388"   "5537881"   "5566576").PN. OR ("5753831").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/02/13 19:02
S25	72032	bucket bailer	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/02/13 19:09
S26	91	S25 and downspout	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/02/13 19:09
S27	5	("1292737"   "1557823"   "6464012").PN. OR ("6989092"). URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/02/13 19:10
S28	486	(166/264).CCLS.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/02/13 20:06
S29	10	("2214350"   "2217147"   "2220989"   "4491178"   "4823623"   "5878813"   "6276220").PN. OR ("6695053").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/02/13 20:08
S30	24	("0782636"   "1511591"   "4082483"   "4254830"   "4438654"   "4590810"   "4625574"   "5404949"   "5507194"   "5537881"   "5597966").PN. OR ("5878813"). URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/02/13 20:09

## EAST Search History

S31	24	("0782636"   "1511591"   "4082483"   "4254830"   "4438654"   "4590810"   "4625574"   "5404949"   "5507194"   "5537881"   "5597966").PN. OR ("5878813").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/02/14 09:27
S32	31	("1585072"   "2333711"   "3455904"   "3489012"   "3815422"   "3841162"   "4037477"   "4050315"   "4091676"   "4157664"   "4271704").PN. OR ("4590810").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/02/14 09:28
S33	10	("1870436"   "2006301"   "4350052"   "4483046"   "4590810"   "4852412").PN. OR ("5452620").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/02/14 09:29
S34	15	("4430213"   "4590810"   "4807707"   "4928541"   "4949582").PN. OR ("5139654").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/02/14 09:42
S35	173	(166/162).CCLS.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/02/14 09:48
S36	62	(166/168).CCLS.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/02/14 09:51
S37	56	(166/167).CCLS.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/02/14 09:56
S38	623	(166/267).CCLS.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/02/14 10:23
S39	800750	(Ball check near5 valve)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/02/14 10:23
S40	158819	(Ball check) near5 valve	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/02/14 10:24

## EAST Search History

S41	106	S40 and (bailer bucket) and "166"/\$.ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/02/14 10:26
S42	81	S40 and (bailer bucket) and "73"/\$.ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/02/14 10:28
S43	40	S40 and (bailer bucket) and "294"/\$.ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/02/14 10:29
S44	47	S40 and (bailer bucket) and "141"/\$.ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/02/14 10:30
S45	8	S40 and (bailer bucket) and "206"/\$.ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/02/14 10:31
S46	141	(141/173).CCLS.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/02/14 10:31
S47	1094	(141/83).CCLS.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/02/14 10:46
S48	69	141/83.ccls. and ((ball check) near3 valve) and fluid	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/02/14 10:49
S49	83997	((ball check) near3 valve) and fluid	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/02/14 10:49
S50	8263	S49 and ((discharg\$4 discharge dispens\$4 flush flush\$4) near5 liquid)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/02/14 10:51

## EAST Search History

S51	5876	S50 and (bucket bailer tube tubing tubular)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/02/14 10:51
S52	226	S51 and "73"/\$.ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/02/14 11:08
S53	191	S51 and "166"/\$.ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/02/14 11:07
S54	5	S51 and "294"/\$.ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/02/14 11:07
S55	396	S51 and "141"/\$.ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/02/14 11:08
S56	60	("0285168"   "0300439"   "0493994"   "0647111"   "0690576"   "0886237"   "0897782"   "0967356"   "1094098"   "1104354"   "1113648"   "1167580"   "1293575"   "1425100"   "1631194"   "1992187"   "2130876"   "2193508"   "2715488"   "3123106"   "3176728"   "3543814"   "3630083"   "3763903"   "4202386"   "4598743"   "4712595"   "4796470"   "4804026"   "4901776"   "5253842"   "5277233"   "5289854"   "5289855"   "5431205"   "5458168"   "5511595"   "5515892").PN. OR ("5950697"). URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/02/14 11:15
S57	3	("1094098").URPN.	USPAT	OR	ON	2006/02/14 11:28
S58	100	(141/344).CCLS.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/02/14 11:28



## EAST Search History

S59	129	david near2 pratt	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/07/10 07:39
S60	6	("0348960"   "0686951"   "1875174").PN. OR ("6966587"). URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/07/10 07:37
S61	156331	bailer ad ((taper tapered) same (wall sidewall) same groove)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/07/10 07:41
S62	7	bailer and ((taper tapered) same (wall sidewall) same groove)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/07/10 07:41
S63	220	((sample sampling) same (water fluid)) and ((taper tapered) same (wall sidewall) same groove)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/07/10 07:42
S64	4	("5234585"   "5308483"   "6358730"   "6443314").PN. OR ("6913152").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/07/10 07:52
S65	1	("6443314").PN.	US-PGPUB; USPAT	OR	OFF	2006/07/10 10:50
S66	15	("4301010"   "4614585"   "4689147"   "4767602"   "4829005"   "4849061"   "5308483"   "5695639"   "5792425"   "5849249"   "6358730").PN. OR ("6443314"). URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/11/07 18:40
S67	28	("2904857"   "2923669"   "3295686"   "3448011"   "3684660"   "4111807"   "4148732"   "4170056"   "4251366"   "4357240"   "4614585"   "4678576"   "4689147"   "4826594"   "4829005"   "5112488"   "5141639"   "5200067"   "5202262"   "5234585"   "5308483").PN. OR ("6358730"). URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/11/07 18:40
S68	31	("3684660").URPN.	USPAT	OR	ON	2006/11/07 18:42
S69	10	("0944752"   "2677646"   "3197384"   "3684660"   "3927701").PN. OR ("D246666"). URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/11/07 18:43

## EAST Search History

S70	11	("3448011").URPN.	USPAT	OR	ON	2006/11/07 18:45
S71	28	("2904857"   "2923669"   "3295686"   "3448011"   "3684660"   "4111807"   "4148732"   "4170056"   "4251366"   "4357240"   "4614585"   "4678576"   "4689147"   "4826594"   "4829005"   "5112488"   "5141639"   "5200067"   "5202262"   "5234585"   "5308483").PN. OR ("6358730"). URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/11/07 18:46
S72	4	("5234585"   "5308483"   "6358730"   "6443314").PN. OR ("6913152").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/11/07 18:46
S73	15	("4301010"   "4614585"   "4689147"   "4767602"   "4829005"   "4849061"   "5308483"   "5695639"   "5792425"   "5849249"   "6358730").PN. OR ("6443314"). URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/11/07 18:48
S74	28	("2904857"   "2923669"   "3295686"   "3448011"   "3684660"   "4111807"   "4148732"   "4170056"   "4251366"   "4357240"   "4614585"   "4678576"   "4689147"   "4826594"   "4829005"   "5112488"   "5141639"   "5200067"   "5202262"   "5234585"   "5308483").PN. OR ("6358730"). URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/11/07 18:50
S75	15	("4301010"   "4614585"   "4689147"   "4767602"   "4829005"   "4849061"   "5308483"   "5695639"   "5792425"   "5849249"   "6358730").PN. OR ("6443314"). URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/11/07 18:50
S76	30	("3295686").URPN.	USPAT	OR	ON	2006/11/07 18:52
S77	15	("3295686"   "4221670"   "5096585"   "5133934"   "5186830"   "5240680"   "5324483"   "5464541"   "5529694"   "5874004").PN. OR ("6183645"). URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/11/07 18:53
S78	13	("3295686"   "5133934"   "5240680"   "5324483"   "5464541"   "5529694").PN. OR ("5874004"). URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/11/07 19:00

## EAST Search History

S79	710	(210/455).CCLS.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/11/07 19:04
S80	201	groove and 210/455.ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/11/07 19:05
S81	180	S80 and (seal seal\$5)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/11/07 19:05
S82	7	("3095290"   "4128251"   "4186099"   "5399264"   "5584987"   "5685985").PN. OR ("6347712"). URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/11/07 20:16
S83	1	("4590810").PN.	US-PGPUB; USPAT	OR	OFF	2006/11/07 20:17